

THE PORT AUTHORITY
OF NEW YORK

CONFORMED DRAWING
08/2/86
SIGNED AND SEALED
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ORIGINAL SIGNED & SEALED BY
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IN THE STATE OF NEW YORK
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No. Date Revision Approved
Engineering Department
Design Divisions

The
World
Trade
Center

STANDBY POWER
5 WORLD TRADE CENTER

MECHANICAL

5 WTC PART PLAN
B2 LEVEL FUEL
OIL TANK ROOM

This drawing subject to conditions in contract
is intended for construction and methods
shall be reserved to Port Authority and
may not be used without its written consent.

Designed by Drawn by Check by

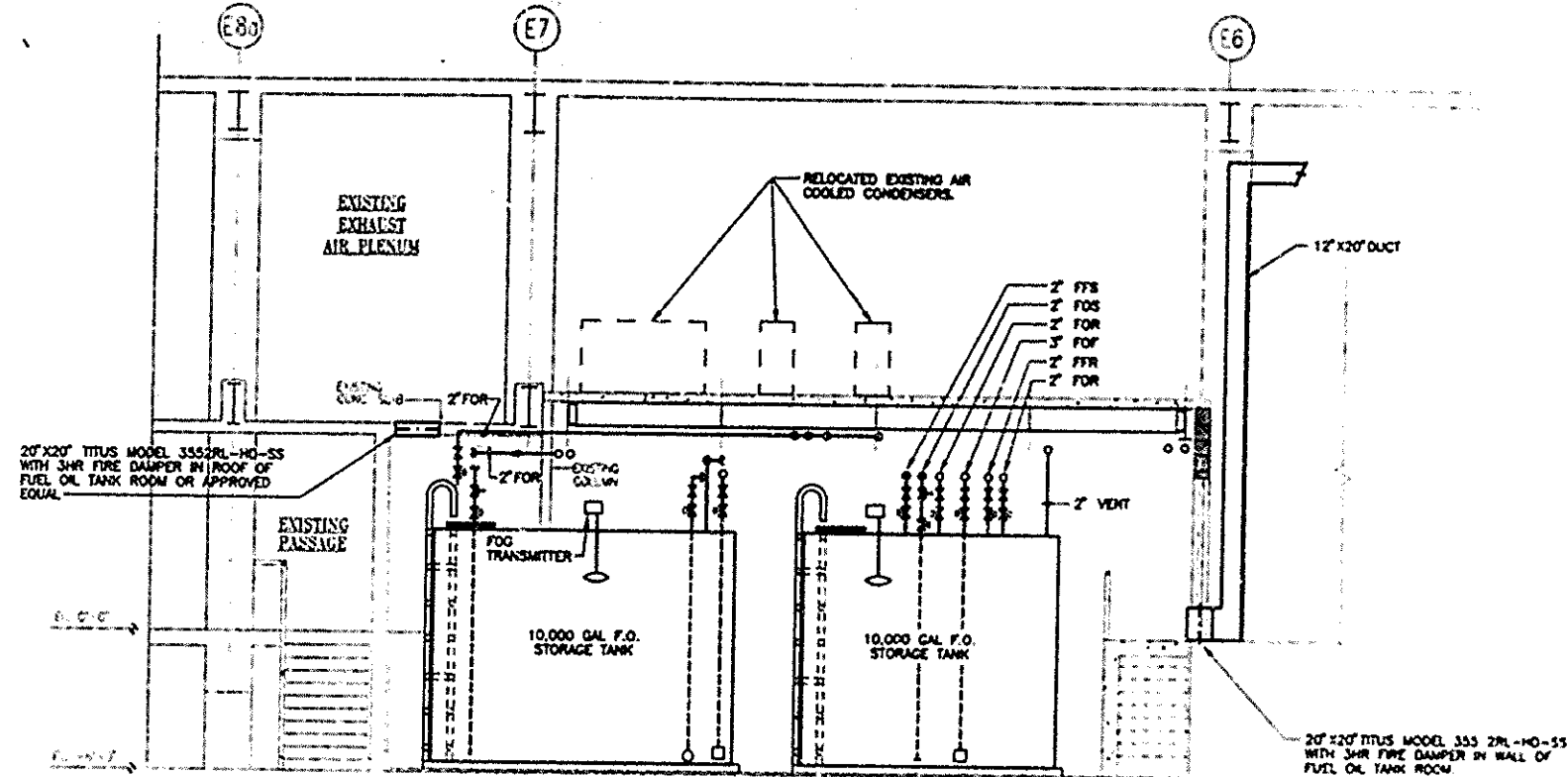
Date 11/17/81 Scale AS NOTED

Contract Number Drawing Number
WTC-046.071 M1-02

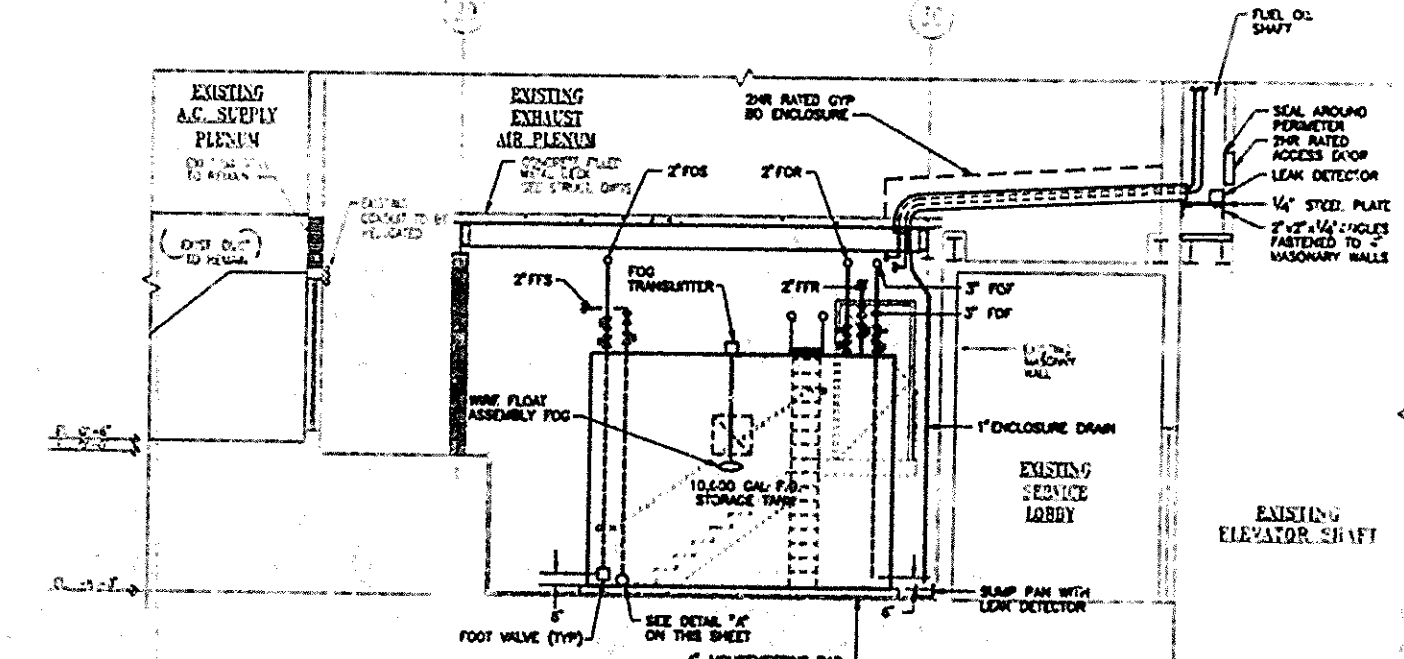
PUMP NO.	LOCATION	GPM	TOTAL HEAD (FT.)	NPSH REQ'D (FT.)	OPERATING PRESS. (PSIG)	FLUID TEMP. (°F)	MOTOR DATA	RPM	PUMP TYPE	REMARKS
FP-1	B2 LEVEL TRANSFER SET	1800	175	-	200	70	5 480/3	1140	POSITIVE DISPLACEMENT	MODEL # LO-208 8P
FP-2	B2 LEVEL TRANSFER SET	1800	175	-	200	70	5 480/3	1140	POSITIVE DISPLACEMENT	MODEL # LO-208 8P
FP-3	B2 LEVEL FUEL MAINTENANCE SET	1200	-	-	200	70	1 1/2 480/3	1140	POSITIVE DISPLACEMENT	-
FP-4	B2 LEVEL FUEL MAINTENANCE SET	1200	-	-	200	70	1 1/3	1140	-	-
FP-5	B2 LEVEL FUEL MAINTENANCE SET	1200	-	-	200	70	1 1/3	1140	POSITIVE DISPLACEMENT	METERING PUMP

NOTES:

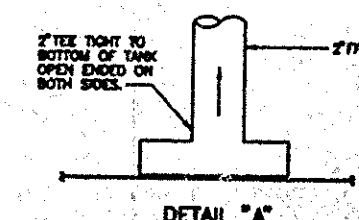
1. ALL PIPING TO THE TANKS EXCEPT FOR WILL BE PROVIDED WITH LINE SIZE GATE VALVES AND ELECTRIC CONTROL VALVES.
2. 3" FOR TO BE PIPED INSIDE THE TANKS DOWN TO 6" ABOVE THE BOTTOM WITH OPEN PIPE.
3. 2" FOS TO BE PIPED INSIDE THE TANKS SO THE BOTTOM OF THE FOOT VALVE IS 6" ABOVE BOTTOM OF TANK.
4. 2" FTS TO BE PIPED DOWN TO BOTTOM OF TANK WITH A TEE FITTING SEE DETAIL "A" THIS SHEET.
5. ALL RETURN AND RELIEF PIPES TO BE OPEN ENDED AS THEY PENETRATE THE TANK ROOF.
6. TANK GAUGES TO BE CENTERED WITHIN TANK AND CLEAR BY 2'-0" OF ANY BRACING FOR CLEARANCE OF WIRE FLOAT.



A SECTION



B SECTION



DETAIL "A"

NOTE:
1. 10,000 GAL. FUEL OIL TANKS TO BE 12'-0\"/>

5 WTC PART PLAN B2 LEVEL
FUEL OIL TANK ROOM

